

# S26X Hardware MPEG4-Part10/H.264 Video Capture card User Manual

Ver. 1.0.2

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**S26X** requires a PC with minimum Pentium4 2GHz CPU, 512MB RAM, 32MB graphics card, 7200RPM ATA133 Hard Disk with 10Gbyte free space, free PCI slot, and Microsoft Windows XP SP1, Windows 2000 Pro SP4, or Linux(Redhat9.0, Fedora Core 1) installed.

**S26X MPEG4/H.264 Video Capture Card(Picture shows 4-Port Model):**



## Associated Cables:

- Video/audio input cable (8-BNC-connectors)
- Audio-Output cable(4-wire)

## Video Cable Connection

For 8 or 16 A/V input models, the bottom connection (closer to the PCI slot) contains the lower number input sockets(input 1, 2, ...)

## Audio Cable Installation

The **Audio-Output** cable needs to be connected between the “**Audio Out**” socket on the **S26X** and “**CD Audio In**” or “**Aux Audio In**” socket on the PC’s motherboard or sound card. The “**Audio Out**” socket on the **S26X** is located at the upper edge of the PCI card: it is the 2<sup>nd</sup> white-colour socket situated away from the PCI’s back-panel and next to the 1<sup>st</sup> white-coloured socket. The 1<sup>st</sup> white-coloured socket is **Audio-Input** socket, it is used only for cascading more than one **S26X** cards’ audio output in the same PC: 1<sup>st</sup> **S26X**’s Audio-Output connects to the 2<sup>nd</sup> **S26X**’s Audio-Input, 2<sup>nd</sup> **S26X**’s Audio-Output connects to the 3<sup>rd</sup> **S26X**’s Audio-Input, ....., the last **S26X**’ Audio-Output connects to the sound card/mother-board’s CD Audio In(or Aux. Audio In).

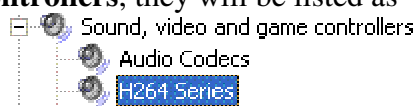
## Video Camera Installation

Any PAL or NTSC video camera or other video sources can be connected to **S26X's** video/audio input sockets. The video inputs(**red wire**) are labelled as “VID 1” to “VID 16”, and Audio inputs are labelled as “AUD 1” to “AUD 8”.

## Windows Device Driver Installation

The Setup CD's “**S26XdemoExe**” folder contains the device driver software.

After hardware installation, plug the AC power back to the PC, turn on the power, wait until MS Windows start-up has completed, then insert the installation CD into PC's CD/DVD ROM drive. When Windows prompts for “New Hardware found”, you can either wait for Windows to automatically search for the device driver software from the installation CD, or manually lead Windows to search from the CD. After a proper device driver installation, under the Windows' **ControlPanel->System->Hardware->DeviceManager->Sound, Video and Game Controllers**, they will be listed as “**H264 Series**” without question mark



or exclamation mark:

## SDK Software

Windows software inc. documents are under “Win SDK” folder.

Linux software inc. documents are under “Linux SDK” folder.

A comprehensive demo application software for Windows is under “S26XDemoExe” folder.

## Application Software

Three Windows application software are under “Applications” folder:

1. S26Xserver: run “Setup.exe” under the “S26X\_Server” sub-folder
2. S26Xclient: run “Mpeg4ClientSetup1.05.exe” under the “Applications” folder
3. S26Centre: run “Mpeg4CenterSetup1.05.exe” under the “Application” folder